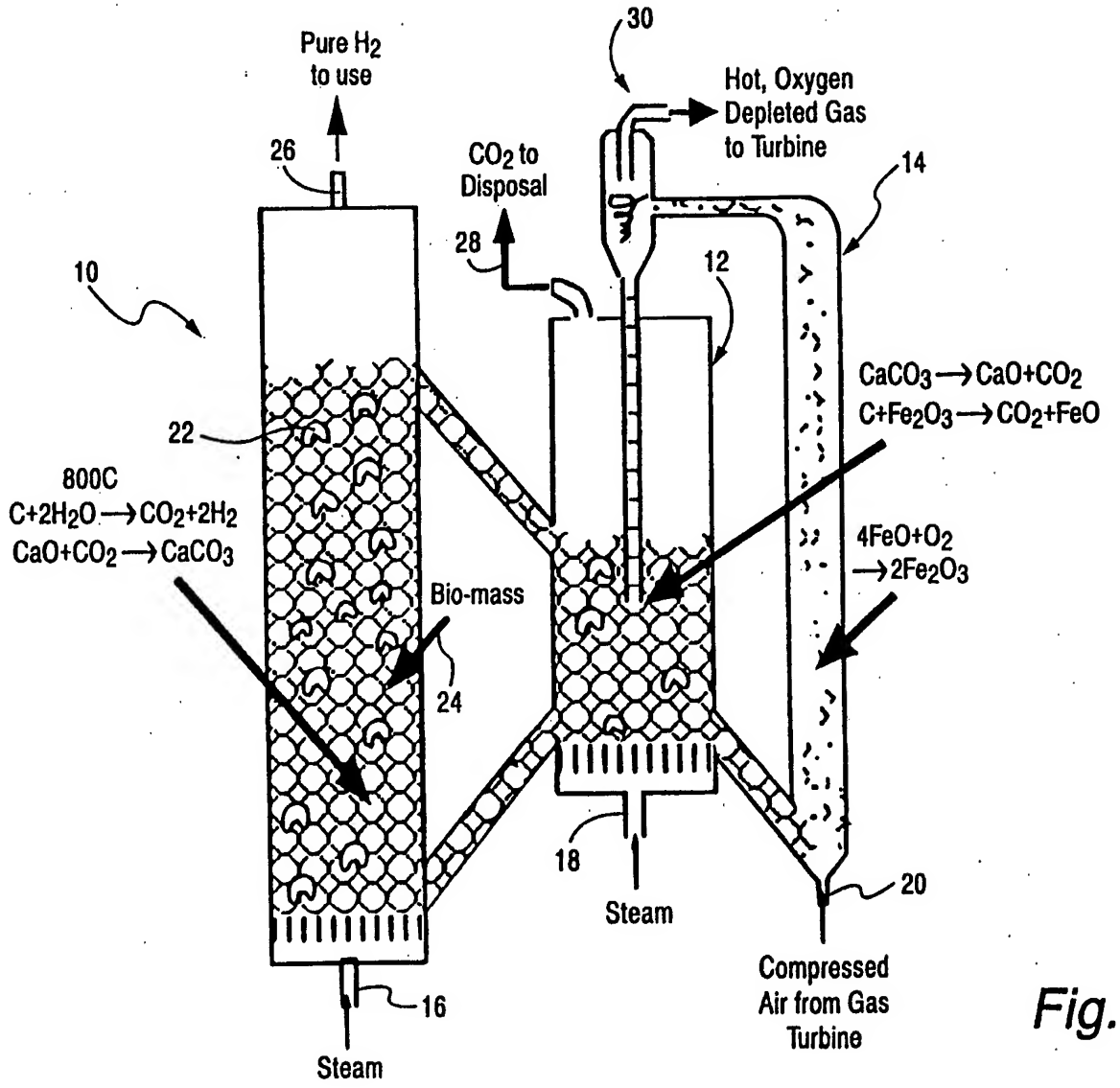
Pure H_2 to use
26
30
Hot, Oxygen Depleted Gas to Turbine
CO_2 to Disposal
28
14
12
10
$CaCO_3 \rightarrow CaO+CO_2$
$C+Fe_2O_3 \rightarrow CO_2+FeO$
22
800C
$C+2H_2O \rightarrow CO_2+2H_2$
$CaO+CO_2 \rightarrow CaCO_3$
$4FeO+O_2 \rightarrow 2Fe_2O_3$
Bio-mass
24
18
20
Steam
Compressed Air from Gas Turbine
16
Steam

Fig. 1